

RECEIVED
CENTRAL FAX CENTER

JUL 13 2006

IN THE CLAIMSAmendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and the applicant and/or assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

Listing of Claims:

What is claimed is:

1. (Currently Amended) A scanning chassis, ~~suited for scanning a document~~, comprising:
a case ~~comprising having~~ a light transparent slot ~~comprising a substantially shaped like a~~
bar form ~~shape~~, wherein two or more ~~[[the]]~~ widths corresponding to two or more ~~[[the]]~~ points
along a ~~a~~ ~~[[the]]~~ longitudinal direction of the light transparent slot are not all the same;
a light source capable of illuminating a ~~[[the]]~~ document~~[[,]]~~ and generating an image
~~generated~~ at the place where the document is illuminated by the light source;
at least one reflector capable of reflecting on which the image ~~can be~~ projected through
the light transparent slot;
a lens assembly capable of refracting on which the image from said at least one reflector
~~can be projected by the reflector's reflecting the image~~; and
an optical sensor capable of receiving on which the image from said ~~can be~~ projected
~~after the image passes through the lens assembly~~.

2. (Currently Amended) The scanning chassis according to claim 1, wherein the widths
corresponding to the points at ~~[[the]]~~ two sides of the light transparent slot are ~~larger~~ larger than
the width corresponding to the point at a ~~a~~ ~~[[the]]~~ middle region of the light transparent slot.

3. (Currently Amended) The scanning chassis according to claim 2, wherein the width
corresponding to the point at the middle region is determined at least by a ~~a~~ ~~[[the]]~~ width of a

[[the]] light cone of the image and an [[the]] allowable error of one or more [[the]] reflected angles of said at least one reflector the reflectors.

4. (Currently Amended) The scanning chassis according to claim 2, wherein the widths corresponding to the points at the two sides are determined at least by a [[the]] width of a [[the]] light cone of the image, an [[the]] allowable error of one or more [[the]] reflected angles of said at least one reflector the reflectors and an [[the]] allowable error of inclining the optical sensor.

5. (Currently Amended) The scanning chassis according to claim 1, wherein the light transparent slot is substantially shaped like dual trumpets.

6. (Currently Amended) The scanning chassis according to claim 1, wherein the optical sensor [[is]] comprises a charge coupled device.

7. (Currently Amended) The scanning chassis according to claim 1, wherein the optical sensor [[is]] comprises a CMOS image sensor.

8. (Currently Amended) The scanning chassis according to claim 1, wherein the light source [[is]] comprises a fluorescent lamp.

9. (Currently Amended) The scanning chassis according to claim 1, wherein ~~the light transparent slot is formed while~~ the case [[is]] comprises an fabricated by injection molded case comprising an injection molded light transparent slot molding.

10. (Currently Amended) [[A]] An apparatus, comprising:
light transparent slot of a scanning chassis, an image of a document projected on a optical sensor through the light transparent slot of the scanning chassis, and
a [[the]] light transparent slot of a scanning chassis, wherein the light transparent slot comprises a substantially shaped like a bar form shape, wherein two or more [[the]] widths corresponding to two or more [[the]] points along a [[the]] longitudinal direction of the light transparent slot are not all the same, and wherein the light transparent slot is capable of passing an image of a document.

11. (Currently Amended) The apparatus of light transparent slot of the scanning chassis according to claim 10, wherein the widths corresponding to the points at ~~[[the]]~~ two sides of the light transparent slot are ~~larger~~ larger than the width corresponding to the point at a ~~[[the]]~~ middle region of the light transparent slot.

12. (Currently Amended) The apparatus of light transparent slot of the scanning chassis according to claim 11, wherein the width corresponding to the point at the middle region is determined at least by a ~~[[the]]~~ width of a ~~[[the]]~~ light cone of the image and an ~~[[the]]~~ allowable error of one or more ~~[[the]]~~ reflected angles of said at least one reflector ~~the reflectors~~.

13. (Currently Amended) The apparatus of light transparent slot of the scanning chassis according to claim 11, wherein the widths corresponding to the points at the two sides are determined at least by a ~~[[the]]~~ width of a ~~[[the]]~~ light cone of the image, an ~~[[the]]~~ allowable error of one or more ~~[[the]]~~ reflected angles of said at least one reflector ~~the reflectors~~ and an ~~[[the]]~~ allowable error of inclining the optical sensor.

14. (Currently Amended) The apparatus of light transparent slot of the scanning chassis according to claim 10, wherein the light transparent slot is substantially shaped like dual trumpets.

15. (Currently Amended) The apparatus of light transparent slot of the scanning chassis according to claim 10, wherein the optical sensor ~~[[is]]~~ comprises a charge coupled device.

16. (Currently Amended) The light transparent slot of the scanning chassis according to claim 10, wherein the optical sensor ~~[[is]]~~ comprises a CMOS image sensor.

17. (New) An apparatus, comprising:
means for illuminating a document to generate an image; and
means for passing the image through a light transparent slot, wherein the light transparent slot has a non-uniform width.

18. (New) The apparatus of claim 17, wherein the light transparent slot comprises a substantially bar form shape, wherein two or more widths corresponding to two or more points along a longitudinal direction of the light transparent slot are not all the same.

19. (New) The apparatus of claim 18, wherein the widths corresponding to points at two sides of the light transparent slot are larger than the width corresponding to a point at a middle region of the light transparent slot.

20. (New) A method, comprising:
illuminating a document to generate an image; and
passing the image through a light transparent slot comprising a non-uniform width.

21. (New) The method of claim 20, wherein said passing the image through a light transparent slot comprises passing the image through a light transparent slot comprising a substantially bar form shape, wherein two or more widths corresponding to two or more points along a longitudinal direction of the light transparent slot are not all the same.

22. (New) The method of claim 21, wherein the widths corresponding to points at two sides of the light transparent slot are larger than the width corresponding to a point at a middle region of the light transparent slot.

23. (New) The method of claim 22, further comprising determining the width corresponding to the point at the middle region at least by a width of a light cone of the image and an allowable error of one or more reflected angles of said at least one reflector.

24. (New) The method of claim 22, further comprising determining the widths corresponding to the points at the two sides at least by a width of a light cone of the image, an allowable error of one or more reflected angles of said at least one reflector and an allowable error of inclining the optical sensor.